WRITE & ERASE VARNISH

WRITE & ERASE VARNISH, it is a water-based two - component varnish that allows you to use the desired surface as a whiteboard area with marker pens. Thanks to its transparent structure, it can be used in walls, desks, doors, cabinets, meeting rooms etc. converts it to a writable, erasable format without changing the color of the surface when applied. It is nature-friendly, does not contain VOC and solvent, it is extremely simple to apply. The paint and stains graffiti can be easily removed from the surface applied **ISONEM WRITE & ERASE VARNISH**. There is no other system that provides this easy cleaning and gives you the opportunity to clean the surface repeatedly without damaging the coating.

USAGE AREAS
• Walls, desks, and tables of schools and classes
• Walls of meeting rooms, training and seminar halls,
• Walls of office rooms,
• Road walls,
• Walls of houses, hotels, conference halls,

APPLICATION INFORMATION
Surface preparation : Application surfaces should be cleaned from all kinds of oil, dirt, dust and surface residues and must be completely dry and clean.

Preparation of the mixture : ISONEM WRITE & ERASE VARNISH is supplied in ready-to-use kits according to the mixing ratio. The mixture should be prepared to be applied according to the life of the mixture. Before commencing mixing, ensure that the material temperatures are between 15 - 25°C.
 Component A should be mixed thoroughly with a mechanical mixer at 300 - 400 rpm for 3 - 4 minutes without dragging air in it.
Then, all component B must be poured into component A and make sure that there is no material left inside the B component. A + B should be mixed for at least 3 minutes until a homogeneous mixture is obtained and the prepared mixture should be consumed within 50 - 60 minutes.

Application method : ISONEM WRITE & ERASE VARNISH should be applied with the help of brush or roller in order to obtain the desired thickness. It should be applied as 2 or 3 layers and waited for 6 - 8 hours for each coat. Wait at least 3 days before writing/erasing. Text/drawings can be erased with a board eraser. Any non-removable stains need to be cleaned with a wet cloth, other cleaning materials should not be used like detergent, bleach, etc..

TECHNICAL SPECIFICATIONS
· **Density A comp. (25°C, g/mL)**	**:** 1,00 ± 0,10
· **pH (25°C, g/mL)**	**:** 7,0 - 9,0
· **Viscosity A comp. (25°C, mPa.s)**	**:** 0 - 500
· **Water transmission rate (kg/ m². h ^{0,5})**	**:** < 0,1 CLASS W_3
· **Adhesion strength by pull-off test (N/mm²)**	**:** Rigid system without trafficking ≥ 1.0 N/mm²
· **Permeability to water vapour (m)**	**:** 5 ≤ S_D ≤ 50 CLASS II
· **Pot life (23°C)**	**:** 50 – 60 minutes
· **Solvent**	**:** Water
· **Color**	**:** Transparent
· **Product consumption**	**:** 0,200 – 0,300 kg/m² (2 Layers application)
· **Paintable (Coverage) Area**	**:** 5 - 7,5 m²/set

PACKAGING & STORAGE
· **Packaging**	**:** 1,5 kg set (Component A: 1,0 kg, Component B: 0,5 kg)
· **Storage temperature (°C)**	**:** 5 - 35 °C
· **Shelf life**	**:** 24 months from date of production if stored in original, unopened, undamaged packages.
· **Storage condition**	**:** Store tightly closed in a dry and cool place.

⚠ IMPORTANT
The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application. Make sure that the pen to be used is a whiteboard pen that can be erased.
Erasability performance may vary depending on the type of pen used.

APPLICATION CONDITIONS ⚠ and RISKS

Things to consider during and after the application	The application surface must be clean and free from all impurities like dirt, oil, and mud. In spray application, once component A and component B have been combined, they should be diluted with water in a ratio of 3: 1 (3 parts A + B, 1 part water).
Other ISONEM products recommended	If the surface should be both magnetically bondable and writable & erasable, **ISONEM MAGNETIC PLASTER** is recommended before **ISONEM WRITE & ERASE varnish** application.
Application temperature	It should be applied between 5 - 35°C.

General Features

X+Y Writable Surface

Erasable Surface

B S1 d0 Fire Class

Hygienic, does not contain any harmful substances

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	In the same direction as the first layer	In the same direction as the first layer	In the same direction as the first layer	In the same direction as the first layer	X	X
Surface Humidity	Dry surface	Dry surface	Dry surface	Dry surface	X	X
Application Tools	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	X	X
Primer Usage	X	X	X	X	X	X
Primer Consumption	X	X	X	X	X	X
Product Usage	2 - 3 Layers	2 - 3 Layers	2 - 3 Layers	2 - 3 Layers	X	X
Product Consumption	0,2 - 0,3 kg/m² (2 Layers)	0,2 - 0,3 kg/m² (2 Layers)	0,2 - 0,3 kg/m² (2 Layers)	0,2 - 0,3 kg/m² (2 Layers)	X	X
Between Two Coats	6 - 8 Hours	6 - 8 Hours	6 - 8 Hours	6 - 8 Hours	X	X
Touch-free Drying	3 Hours	3 Hours	3 Hours	3 Hours	X	X
Through Drying	72 Hours	72 Hours	72 Hours	72 Hours	X	X

Note : Drying times are approximate data, it may vary depending on ambient conditions.